

2 22. (Amended) The method of claim 20, wherein the linking molecule is a polymer selected from the group consisting of a polymer having multiple units which carry a carboxamide that is a substrate of transglutaminase, a polymer rich in glutamine, a polymer having multiple units which carry an aliphatic amine that is a substrate of transglutaminase, and a polymer rich in lysine.

3 26. (Amended) The method of claim 22, wherein the agent comprises a polymer selected from the group consisting of a polymer having multiple units which carry an aliphatic amine that is a substrate of transglutaminase, a polymer rich in lysine, a polymer having multiple units which carry a carboxamide that is a substrate of transglutaminase, and a polymer rich in glutamine.

4 30. (Amended) The method of claim 20, wherein the body tissue is selected from the group consisting of the integument, skin, hair, nails, a wound bed, and an internal tissue and wherein the agent is selected from the group consisting of a visible label of a high affinity noncovalent coupling pair, a pharmaceutical agent, a receptor or a ligand of a receptor/ligand pair, a cosmetic, a sunscreen agent, a coloring agent, a bulking agent, a hair conditioning agent, a hair fixative, a moisturizing agent, a depilatory agent, an anti-nerve gas agent, a film forming agent, a vitamin and an insect repellant.

5 33. (Amended) The method of claim 32, wherein the linking molecule is a polymer selected from the group consisting of a polymer having multiple units which carry a carboxamide that is a substrate of transglutaminase, a polymer rich in glutamine, a polymer having multiple units which carry an aliphatic amine that is a substrate of transglutaminase, a polymer rich in lysine.

6 35. (Amended) The method of claim 33, wherein the agent comprises a polymer selected from the the group consisting of a polymer having multiple units which carry an aliphatic amine that is a substrate of transglutaminase, a polymer rich in lysine, a polymer having multiple units which carry a carboxamide that is a substrate of transglutaminase, a polymer rich in glutamine.

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41. (Amended) The method of claim 32, wherein the body tissue is selected from the group consisting of skin, hair, nails, a wound bed, and an internal tissue and wherein the agent is selected from the group consisting of[:]
a visible label[:], a component of a high affinity noncovalent coupling pair[:], a receptor or a ligand of a receptor ligand complex[:], a pharmaceutical agent, a cosmetic agent, a sunscreen agent, a bulking agent, a hair conditioning agent, a hair fixative, a coloring agent, a moisturizing agent, a depilatory agent, an anti-nerve gas agent, a film forming agent, a vitamin and an insect repellent.

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49. (Amended) The method of claim 46, wherein the body tissue is selected from the group consisting of skin, hair, nails, a wound bed, and an internal tissue and wherein the agent is selected from the group consisting of[:]
a component of a high affinity noncovalent coupling pair[:], a receptor or a ligand of a receptor ligand complex[:], a pharmaceutical agent, a cosmetic agent, a sunscreen agent, a bulking agent, a hair conditioning agent, a hair fixative, a coloring agent, a moisturizing agent, a depilatory agent, an anti-nerve gas agent, a film forming agent, a vitamin and an insect repellent.

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71. (Amended) A kit comprising
a package housing:
a first container containing the composition of [any one of claims 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69 and 70,] claim 53 and
a second container containing transglutaminase.

Remarks

Claims 14, 22, 26, 30, 33, 35, 41 and 49 have been amended herewith to incorporate additional claim limitations. Support for these amendments can be found in the claims as originally filed as well as throughout the specification.

Claim 71 has been amended herewith to convert it from a multiple dependent claim to a single dependent claim. None of the currently pending claims is in multiple dependent form.